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AUTOMATIC COUNTERS

1978

Prepared by the

State of Montana Department of Highways

Planning and Research Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

MISSOULA
OPPORTUNITY
BUTTE
BOZEMAN
LIVINGSTON
MILES CITY
BILLINGS
LAUREL
SHELBY
LEWISTOWN
HELENA
GREAT FALLS
BRITISH COLUMBIA
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ALBERTA
SASKATCHEWAN
WYOMING
SOUTH DAKOTA
LEGEND
PERMANENT COUNTER
PERMANENT COUNTER ON FRONTAGE ROAD
INTERSTATE ROUTE MARKER
FEDERAL AID INTERSTATE ROUTE AND NUMBER
FEDERAL AID PRIMARY ROUTE AND NUMBER
FEDERAL AID SECONDARY ROUTE AND NUMBER
FOREST HIGHWAY ROUTE ON FAP SYSTEM
FOREST HIGHWAY ROUTE ON FAS SYSTEM
FOREST HIGHWAY ROUTE NOT ON ANY SYSTEM
FOREST HIGHWAY ROUTE NUMBER
FOREST HIGHWAY ROUTE CLASS
FINANCIAL DISTRICT NUMBER
LOCATION OF PERMANENT COUNTERS
MONTANA
FEDERAL AID INTERSTATE,
FEDERAL AID PRIMARY,
FEDERAL AID SECONDARY
AND FOREST HIGHWAY ROUTES
PREPARED BY THE
MONTANA STATE HIGHWAY COMMISSION
PLANNING SURVEY SECTION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
SEPTEMBER 1968

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INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1978. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 42 automatic traffic counters were in operation during 1978.

At each recorder the highest, the 10th, the 20th, the 30th, and the 40th and the 50th highest hours that occured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous six years and 1941 and 1961 as to stability and accuracy.

The 42 counters are distributed to the Highway System as follows:

9 on Interstate Rural	4 on Secondary System
18 on Primary Rural	2 on Arterial City Streets
3 on Primary Urban	4 on Interstate Frontage Roads
	2 on Recreational Road

30TH. MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of verhicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th. maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways." It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1

LOCATION I-90 10.0 Miles East of Missoula

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 32.7 % Foreign Pass Cars 25.1 % Pickups 21.9 % Commercial 20.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2955	3223	3190	3156	3300	3886	3284	3269	3338	97.93	60.42
February	3570	3632	3374	3307	3524	4350	3569	3618	3638	99.45	66.87
March	4670	4234	4044	4034	4369	5105	4321	4407	4376	100.71	81.45
April	4985	4095	4301	4340	4491	5276	4772	4627	4500	102.82	85.52
May	5550	5079	4827	4960	5111	6132	5670	5296	5187	102.10	97.89
June	7563	6748	6706	6857	6800	7849	7308	7133	7022	101.58	131.84
July	8175	7862	7682	7658	7749	8394	8135	7961	7869	101.17	147.14
August	8297	7650	7610	7519	7794	8718	8147	7931	7830	101.29	146.59
September	7123	6782	6354	6389	6309	7519	7031	6819	6711	101.61	126.03
October	5888	5162	5024	5285	5497	6576	5780	5578	5471	101.96	103.10
November	4844	4012	4202	4906	4319	5017	4394	4533	4502	100.69	83.78
December	2969	3144	3773	4109	4053	4248	3990	3753	3883	96.65	69.37
Daily average for year	5549	5135	5091	5210	5276	6551	5533	5410	5361	100.91	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1

Route I-90 East of Missoula

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2 YEAR 1978

LOCATION U. S. 12 & Mont 287 - 0.5 Miles East of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Cammercial_____%

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day af Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	2155	2302	2161	2195	2332	2985	2508	2360	2380	99.16	
February	2643	2558	2388	2321	2436	3216	2576	2591	2584	100.27	
March	3220	2996	2673	2747	2936	3474	3347	3056	2977	102.65	
April	3663	3036	2882	3076	3171	3873	3606	3350	3207	104.46	
May	4214	3663	3329	3317	3565	4440	4092	3767	3633	103.69	
June	4347	4221	4020	4143	4095	5161	4641	4392	4355	100.85	
July	4824	4420	4426	4548	4466	5099	4646	4633	4584	101.07	
August	4627	4275	4065	4145	4270	5032	4433	4383	4331	101.20	
September	4125	3990	3747	3797	3920	4823	4544	4172	4092	101.96	
October	3787	3761	3421	3774	3802	4610	4010	3859	3848	100.29	
November		COUNTER MOVED TO NEW LOCATION 11 - 4 - 78									
December											
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2

Route U. S. 12 East of East Helena

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978			NEW ALIGNMENT										

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-3 YEAR 1978

LOCATION U.S. 2 & 87 - 1.3 Miles West of Havre

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.6 % Foreign Pass Cars 5.1 % Pickups 43.3 % Commercial 11.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2669	3690	3944	4095	4251	4626	3849	3832	4093	93.62	75.64
February	3142	3907	4216	4100	4433	4543	3801	4020	4239	94.83	79.35
March	3626	4848	4956	4882	5105	5448	4486	4801	5061	94.86	94.76
April	4318	5056	4997	5130	5377	5650	4882	5028	5242	95.92	99.25
May	4454	5020	5294	5413	5521	6054	5277	5286	5432	97.31	104.34
June	4743	5810	5798	5819	5816	6303	5362	5691	5923	96.08	112.34
July	5238	6332	5957	6570	6371	6846	5998	6155	6411	96.01	121.49
August	5473	6322	6073	6280	6335	6852	5939	6187	6354	97.37	122.13
September	4206	4886	5276	5455	5504	6065	5027	5226	5467	95.59	103.16
October	4127	5358	5324	5442	5829	6339	5170	5328	5630	94.64	105.17
November	3346	4406	4580	5359	4705	4797	4139	4513	4793	94.16	89.08
December	3250	4417	5296	5210	4849	5743	4491	4726	5133	92.07	93.29
Daily average for year	4049	5004	5142	5313	5341	5772	4868	5066	5315	95.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-3

Route U. S. 2 - West of Havre

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	863	167	19.4	134	15.5	124	14.3	118	13.7				
1961	2248	340	15.1	255	11.3	238	10.6	230	10.2	227	10.1	224	10.0
1971	3177	700	22.0	355	11.2	340	10.7	332	10.5	330	10.4	325	10.2
1972	3456	426	12.3	389	11.3	365	10.6	359	10.4	354	10.2	350	10.1
1973	3854	528	13.7	426	11.1	407	10.6	393	10.2	388	10.1	380	9.9
1974	3610	428	11.9	386	10.7	373	10.3	364	10.1	358	9.9	350	9.7
1975	3667	750	20.5	418	11.4	399	10.9	392	10.7	384	10.5	380	10.4
1976	3842	494	12.9	438	11.4	425	11.1	414	10.8	408	10.6	403	10.5
1977	4315	554	12.8	492	11.4	471	10.9	457	10.6	452	10.5	446	10.3
1978	5066	599	11.8	540	10.7	528	10.4	520	10.3	513	10.1	507	10.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-4
LOCATION U. S. 10 & 12 - 1.5 Miles West of Miles City

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cors 35.2 % Foreign Poss Cors 11.3 % Pickups 35.4% Commercial 18.1 %

Month	Averoge Doily Number of Vehicles									Percent the Averoge Doy is of the Averoge Weekday	Percent the Month Doily Average is of the Year Daily Averoge
	Doy of Week							Averoge Day	Average Weekdoy		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sundoy thru Saturdoy	Monday thru Fridoy		
January	623	832	905	830	836	967	858	831	873	95.19	71.03
Februory	739	840	891	847	901	1127	945	899	921	97.61	76.84
March	1083	1105	1232	1070	1101	1260	1132	1141	1152	99.05	97.53
April	1190	1192	1270	1204	1249	1412	1316	1261	1265	99.68	107.79
Moy	1526	1275	1334	1240	1248	1619	1651	1401	1335	104.94	119.75
June	1460	1535	1557	1548	1583	1715	1489	1561	1593	97.99	133.43
July	1358	1489	1503	1545	1520	1677	1486	1505	1544	97.47	128.64
August	1278	1396	1388	1439	1368	1543	1387	1400	1423	98.38	119.67
September	890	1043	1144	1068	1075	1243	1097	1086	1121	96.88	92.83
October	949	1070	1166	1080	1168	1416	1135	1133	1174	96.51	96.84
November	753	855	996	1098	968	1092	912	959	1004	94.52	81.97
December	641	806	939	958	886	938	892	862	907	95.04	73.68
Doily averoge for year	1041	1120	1194	1161	1159	1334	1192	1170	1193	98.07	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-4

Route U.S. 10 & 12 West of Miles City

Traffic Type Primary - Approach

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1971	1120	188	16.8	148	13.2	131	11.7	127	11.3	122	10.9	119	10.6
1972	1226	203	16.6	158	12.9	141	11.5	136	11.1	132	10.8	130	10.6
1973	1175	194	16.5	144	12.3	134	11.4	127	10.8	122	10.4	121	10.3
1974	1127	192	17.0	135	12.0	130	11.5	123	10.9	120	10.6	117	10.4
1975	1094	201	18.4	125	11.4	120	11.0	116	10.6	112	10.2	110	10.1
1976	1060	192	18.1	133	12.6	115	10.9	110	10.4	107	10.1	105	9.9
1977	1077	196	18.2	136	12.6	130	12.1	127	11.8	124	11.5	122	11.3
1978	1170	218	18.6	157	13.4	148	12.6	142	12.1	138	11.8	133	11.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5 YEAR 1978

LOCATION Montana 7 - 1.0 Milw South of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 26.9 % Foreign Pass Cars 4.1 % Pickups 43.8 % Commercial 25.2 %

Month	Average Daily Number of Vehicles									Percent the Average Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Doily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	378	439	494	491	439	548	459	461	481	95.84	66.76
Februory	495	460	507	481	503	533	501	497	497	100.00	71.98
March	581	587	592	580	556	598	602	585	582	100.52	84.72
April	699	671	642	666	619	756	712	682	671	101.64	98.77
May	753	672	746	724	728	755	753	731	724	100.97	105.87
June	1043	774	794	820	849	855	1018	877	821	106.82	127.00
July	881	826	987	757	708	757	758	812	808	100.50	117.60
August	1146	767	778	725	808	1013	971	876	812	107.88	126.86
September	934	714	707	702	719	737	778	756	717	105.44	109.49
October	778	787	820	831	863	917	1104	864	840	102.86	125.13
November	615	549	576	732	718	707	666	657	663	99.10	95.15
December	405	504	489	551	448	513	512	488	501	97.41	70.67
Daily average for year	726	646	678	672	663	724	736	691	676	102.22	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5

Route Montana 7 - South of Wibaux

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6 YEAR 1978

LOCATION FAS 288 - 0.5 Mile South of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 46.6 % Foreign Pass Cars 0.7 % Pickups 35.0 % Commercial 17.7 %

Month	Average Daily Number of Vehicles									Percent the Averoge Day is of the Average Weekday	Percent the Month Daily Average is af the Yeor Daily Average
	Day of Week							Average Day	Averoge Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Mondoy thru Fridoy		
Januory	245	359	408	384	417	446	428	379	401	94.51	77.00
Februory	323	446	458	440	499	441	375	426	457	93.22	86.55
Morch	430	504	467	506	559	503	495	497	510	97.45	100.98
April	453	569	549	583	607	600	568	558	582	95.88	113.38
Moy	477	595	537	533	536	592	543	546	558	97.85	110.94
June	387	534	531	518	539	547	516	512	535	95.70	104.03
July	414	531	482	495	499	544	507	495	511	96.87	100.58
August	401	559	585	602	543	548	503	538	569	94.55	109.31
September	407	520	565	561	608	594	591	552	571	96.67	112.16
October	380	516	524	550	585	597	552	524	551	95.10	106.47
November	299	487	497	461	490	579	450	467	500	93.40	94.89
December	296	407	431	427	479	464	399	412	443	93.00	83.71
Daily average far year	376	502	503	505	530	538	494	492	516	95.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6

Route FAS 288 - South of Manhattan

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	- 65	13.2	63	12.8	61	12.4	60	12.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7

LOCATION I-15 - 2.0 Miles North of Wolf Creek

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 44.5 % Foreign Pass Cars 14.6 % Pickups 25.0 % Commercial 15.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1584	1418	1358	1355	1403	1706	1388	1462	1448	100.96	64.52
February	2100	1712	1496	1450	1473	2004	1930	1738	1627	106.82	76.70
March	2526	2051	1860	1846	2033	2674	2207	2172	2105	103.18	95.85
April	2829	1998	1889	1911	2041	2593	2606	2297	2086	110.12	101.37
May	3049	2315	1976	2014	2160	2982	2863	2443	2265	107.86	107.81
June	3483	2528	2490	2624	2464	3331	3221	2879	2706	106.39	127.05
July	3825	3077	2993	2622	2704	3161	3524	3165	2922	108.32	139.67
August	3565	2711	2643	2620	2736	3488	3368	2984	2817	105.93	131.68
September	2845	2302	2101	2067	2083	2912	2825	2476	2322	106.63	109.27
October	2625	1995	1807	1993	2168	2918	2515	2275	2152	105.72	100.40
November	1946	1426	1647	1848	1628	1944	1652	1728	1702	101.53	76.26
December	1407	1404	1543	1549	1491	1816	1741	1573	1573	100.00	69.42
Daily average far year	2732	2078	1984	1992	2032	2627	2487	2266	2144	105.69	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7

Route I-15 North of Wolf Creek

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975		COUNTER	OUT	DUE	TO	MECHANICAL	FAILURE						
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8 YEAR 1978

LOCATION U. S. 93 - 0.5 Miles South of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars 44.0 % Foreign Pass Cars 9.1 % Pickups 31.1 % Commercial 15.8 %

Month	Average Daily Number of Vehicles									Percent the Averoge Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturdoy	Monday thru Fridoy		
Januory	2077	2499	2401	2396	2552	3022	2611	2490	2563	97.15	61.85
Februory	2708	2812	2645	2605	2693	3309	2876	2807	2813	99.79	69.73
Morch	3540	3405	3251	3078	3214	3660	3138	3326	3321	100.15	82.62
April	3944	3314	3330	3333	3472	4087	3983	3659	3507	104.33	90.87
May	4469	4232	3641	3636	3677	4401	4642	4074	3907	104.27	101.20
June	5424	4798	4568	4687	4720	5717	5088	5015	4927	101.79	124.58
July	6827	6106	6008	5880	5729	6567	6598	6271	6060	103.48	155.78
August	6290	5762	5382	5392	5522	6613	6085	5822	5695	102.23	144.63
September	4754	4774	4346	4205	4214	5271	4793	4650	4596	101.17	115.51
October	4198	3787	3668	3837	4060	4772	4438	4087	3998	102.23	101.53
November	3359	3056	3178	3484	3285	3898	3258	3363	3380	99.50	83.54
December	2125	2550	2909	2884	2890	3069	2827	2743	2870	95.57	68.14
Daily average for year	4143	3925	3777	3785	3836	4532	4196	4026	3970	101.41	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8

Route U. S. 93 South of Ravalli

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9

Route I-15 West of Great Falls

Traffic Type Interstate - Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978			COUNTER TEMPORARILY REMOVED										

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10

LOCATION U. S. 2 - 2.0 Miles East of Wolf Point

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.7 % Foreign Pass Cars 8.5 % Pickups 36.5 % Commercial 13.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	989	1489	1556	1597	1636	1758	1456	1482	1599	92.68	66.13
February	1246	1583	1733	1650	1871	1860	1740	1669	1739	95.98	74.47
March	1408	1872	1936	1901	1897	2053	1719	1839	1934	95.09	82.05
April	1601	2265	2312	2300	2342	2604	2250	2218	2364	93.82	98.96
May	2284	2716	2876	2984	3010	3468	2740	2867	2991	95.85	127.92
June	2379	2773	2727	2806	2976	3331	2768	2832	2926	96.79	126.36
July	2558	2857	2964	3018	3046	3333	2879	2933	3035	96.64	130.86
August	2308	2962	2985	3085	3012	3293	2692	2917	3062	95.26	130.15
September	1654	2116	2367	2501	2441	2911	2156	2322	2488	93.33	103.60
October	1533	2138	2190	2241	2271	2529	1979	2109	2264	93.54	94.10
November	1284	1870	1934	2219	1904	2178	1756	1890	2025	93.33	84.33
December	1247	1805	1996	2039	1732	2106	1853	1817	1944	93.47	81.07
Daily average for year	1708	2204	2215	2362	2345	2619	2166	2241	2368	94.64	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10

Route U.S. 2 East of Wolf Point

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11 YEAR 1978

LOCATION I-90 - 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 46.3 % Foreign Pass Cars 9.8 % Pickups 30.5% Commercial 13.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	7987	8536	8090	8058	8661	9151	7857	8322	8482	98.11	73.70
February	8046	8496	8437	8380	8758	10055	8729	8700	8825	98.58	77.04
March	9598	9545	9204	9381	9612	11060	10835	9878	9760	101.21	87.48
April	10037	9791	9632	10168	10388	11733	11319	10454	10342	101.08	92.58
May	11693	11450	10800	10936	11041	12481	11850	11425	11305	101.06	101.18
June	14101	13611	13098	13229	13351	14991	13797	13768	13703	100.47	121.93
July	14680	14274	14502	14052	14060	15830	14850	14606	14531	100.52	129.35
August	15283	14345	14126	14142	14292	15979	15223	14714	14526	101.29	130.30
September	12429	12140	12079	12117	12081	14164	13654	12749	12595	101.22	112.90
October	11308	11105	10842	11325	11603	13281	11863	11567	11572	99.96	102.44
November	9418	9535	9621	10367	9263	9597	9323	9604	9689	99.12	85.05
December	8165	8917	10124	10697	9785	10675	9785	9717	10070	96.49	86.05
Daily average for year	11062	10979	10880	11071	11075	12416	11590	11292	11283	100.08	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11

Route I-90 West of Billings

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961			UNDER	CONSTRUCTION									
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1978

LOCATION U.S. 87 & Montana 200 - 6.0 Miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.7 % Foreign Pass Cars 4.3 % Pickups 36.4% Commercial 18.6 %

Month	Average Doily Number of Vehicles									Percent the Averoge Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekdoy		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturdoy	Monday thru Fridoy		
Januory	976	1148	1120	1070	1151	1246	1111	1115	1147	97.21	58.36
Februory	1219	1423	1450	1489	1478	1694	1440	1456	1507	96.62	76.21
Morch	1507	1853	1791	1750	1821	2093	1705	1798	1865	96.41	94.12
April	1738	2167	2078	2213	2280	2573	1913	2117	1162	93.59	110.81
Moy	1788	2166	2249	2352	2275	2848	1938	2233	2262	94.54	116.89
June	1995	2166	2006	1973	2131	2502	1969	2120	2170	97.70	110.97
July	1968	2176	2132	2358	2017	2006	2031	2094	2139	97.90	109.61
August	2181	2080	2064	2221	2300	2596	2170	2227	2245	99.20	116.57
September	1949	1987	2100	2185	2098	2560	2165	2163	2204	98.14	113.22
October	2034	2341	2186	2357	2402	2857	2263	2333	2414	92.50	122.12
November	1330	1700	1950	2212	1857	2124	1499	1825	1975	92.41	95.53
December	969	1370	1513	1604	1490	1746	1459	1444	1554	92.92	75.59
Doily averoge far yeor	1638	2048	1887	1982	1942	2237	1805	1910	1987	96.12	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12

Route U.S.87 & Montana 200 West of Lewistown

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1978

LOCATION U.S. 191 -7.0 Miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.9 % Foreign Pass Cars 2.5 % Pickups 38.3 % Commercial 17.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	636	731	763	766	853	871	731	759	792	95.83	54.91
February	785	959	1030	954	957	1047	745	925	989	93.53	66.92
March	1025	1350	1378	1397	1343	1438	1077	1297	1383	93.78	93.84
April	1225	1661	1710	1839	1777	1911	1288	1605	1779	90.72	116.12
May	1452	1840	1892	1976	1971	2170	1617	1851	1961	94.39	133.92
June	1434	1904	1935	1977	1876	2044	1620	1836	1948	94.25	132.84
July	1605	1558	1580	1728	1688	1824	1681	1661	1670	99.46	120.17
August	1506	1538	1503	1544	1548	1651	1516	1543	1554	99.29	111.64
September	1556	1365	1381	1475	1493	1694	1621	1522	1492	102.01	110.12
October	1540	1414	1388	1546	1580	1755	1501	1524	1524	100.00	110.26
November	1151	1072	1166	1251	1136	1315	1097	1171	1188	98.57	84.72
December	700	880	935	923	821	1017	967	892	920	96.96	64.54
Daily average for year	1218	1331	1388	1448	1420	1561	1288	1382	1433	96.44	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13

Route U.S. 191 North of Lewistown

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14 YEAR 1978

LOCATION FAS 278 - 4.0 Miles Southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.8 % Foreign Pass Cars 3.8 % Pickups 41.2 % Commercial 12.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Januory	592	406	396	452	450	526	618	489	442	110.63	90.32
Februory	527	372	329	390	385	440	480	418	383	109.14	77.20
March	508	382	388	392	395	431	515	428	399	107.27	79.05
April	453	411	443	454	462	460	484	453	446	101.57	83.67
May	615	529	509	536	547	569	605	555	536	103.54	102.51
June	692	590	606	598	611	647	644	627	612	102.45	115.81
July	812	635	631	617	606	672	763	682	632	107.91	125.97
August	1040	652	615	617	605	651	721	692	626	110.54	127.81
September	679	567	479	522	521	607	651	579	542	106.83	106.94
October	655	556	533	588	563	605	658	593	567	104.59	109.53
November	512	496	470	515	548	532	500	512	514	99.61	94.57
December	465	452	440	464	444	510	496	469	464	101.08	86.62
Daily averoge for yeor	629	504	487	462	511	554	595	541	514	105.25	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14

Route FAS 278 Southwest of Dillon

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15
LOCATION Montana 200 - 4.0 Miles Northeast of Bonner

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.8 % Foreign Pass Cars 3.7 % Pickups 32.9 % Commercial 13.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1479	1528	1465	1401	1500	1734	1672	1535	1523	100.79	63.43
February	1847	1695	1593	1561	1577	1795	1585	1665	1644	101.28	68.80
March	2035	1775	1632	1616	1753	2076	1805	1813	1776	102.08	74.92
April	2543	1893	1854	1849	1999	2349	2289	2131	1989	107.14	88.06
May	3387	2532	2190	2223	2372	2988	3085	2647	2442	108.39	109.38
June	3906	2689	2484	2608	2653	3498	3411	3038	2813	108.00	125.54
July	4486	3139	3133	2906	2897	3554	3974	3482	3126	111.39	143.88
August	4010	3010	2930	2897	2986	3564	3538	3244	3059	106.05	134.05
September	3440	3039	2508	2503	2511	3159	3185	2924	2764	105.79	120.83
October	3378	2531	2358	2518	2692	3230	3150	2829	2646	106.92	116.90
November	2349	1967	1935	1958	1985	2223	1868	2036	2010	101.29	84.13
December	1449	1513	1858	1873	1727	1893	1596	1696	1778	95.39	70.08
Daily average for year	2859	2276	2162	2159	2221	2672	2597	2420	2298	105.31	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15

Route Montana 200 Northeast of Bonner

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16 YEAR 1978

LOCATION I-90 - 3.0 Miles West of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.7 % Foreign Pass Cars 18.4 % Pickups 24.0 % Commercial 16.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	5852	6602	6745	6881	7017	7823	7338	6868	7013	97.93	73.62
February	7044	6667	6657	6764	7115	7973	7543	7077	6991	101.23	75.86
March	8167	7744	7790	7982	8270	9176	8671	8278	8229	100.60	88.73
April	8409	8051	8110	8406	8434	9512	8770	8532	8503	100.34	91.45
May	9257	8920	8907	9183	9273	10568	9669	9359	9323	100.06	100.32
June	11943	11402	11498	11908	11782	13022	12179	11991	11966	100.21	128.53
July	12668	12503	12450	12504	12522	13698	13068	12771	12724	100.37	136.89
August	12347	12276	12160	12151	12654	13491	12580	12503	12517	99.89	134.02
September	10197	10231	10286	10712	10396	11794	11075	10721	10737	99.85	114.92
October	9141	8930	8711	9214	9568	10758	9735	9387	9380	100.07	100.62
November	7170	7041	7411	8184	7509	8590	7423	7633	7756	98.41	81.81
December	5687	6038	7002	7237	7128	7548	7196	6832	7017	97.36	73.23
Daily average for year	8990	8867	8977	9261	9306	10329	9604	9329	9346	99.82	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16

Route I-90 & I-15 West of Butte

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17 YEAR 1978

LOCATION I-15 - 0.5 Miles North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montona Pass Cars 25.2 % Foreign Pass Cars 28.3 % Pickups 21.5 % Commercial 25.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	976	1009	950	956	944	1028	1030	984	978	100.61	72.51
February	999	1005	989	933	964	1086	1006	997	995	100.20	73.46
March	1340	1224	1127	1204	1313	1520	1380	1305	1286	101.48	96.16
April	1392	1194	1102	1207	1177	1417	1425	1282	1219	105.17	94.47
May	1305	1362	1197	1216	1246	1478	1437	1314	1294	101.55	96.83
June	2055	1700	1777	1944	1799	2000	1874	1880	1849	101.68	138.53
July	1955	1808	1722	1738	1816	1953	2309	1912	1807	105.81	140.89
August	1934	1717	1625	1597	1737	1961	2039	1787	1718	104.02	131.68
September	1470	1571	1423	1357	1325	1573	1552	1474	1456	101.24	108.62
October	1322	1213	1131	1174	1181	1390	1276	1239	1214	102.06	91.30
November	1213	1050	1152	1230	1029	1101	1117	1128	1114	101.26	83.12
December	874	743	922	1002	1028	1134	1131	983	974	100.92	72.43
Daily average for year	1403	1300	1260	1297	1297	1470	1465	1357	1325	102.42	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17

Route I-15 North of Lima

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1978

LOCATION U.S. 20 & 191 - 5.0 Miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 18.7 % Foreign Pass Cars 31.3 % Pickups 27.0 % Commercial 23.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	531	490	455	433	438	527	563	491	469	104.69	29.75
February	707	582	541	474	534	677	785	614	562	109.25	37.20
March	959	702	645	671	753	866	992	795	732	108.61	48.17
April	934	685	735	776	738	810	888	803	749	107.21	48.66
May	1928	1521	1215	1240	1295	1544	1076	1523	1357	112.23	92.29
June	3000	2737	2766	2822	2667	2986	3058	2860	2798	102.22	173.31
July	4550	4257	4113	4026	4038	4183	4660	4283	4129	103.73	259.54
August	3908	3499	3550	3498	3499	3912	4327	3720	3582	103.85	225.42
September	2536	2238	1927	1824	1850	2212	2637	2191	2020	108.47	132.77
October	1398	1182	1103	1190	1237	1413	1454	1277	1217	104.93	77.38
November	650	616	645	715	666	689	675	667	668	99.85	40.42
December	491	449	605	643	617	631	618	579	591	97.97	35.09
Daily average for year	1799	1692	1525	1526	1528	1704	1894	1650	1547	106.66	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18

Route U.S. 20 & 191 West of West Yellowstone

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19

LOCATION U.S. 191 - 7.7 Miles North of West Yellowstone

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Poss Cars 18.7 % Foreign Pass Cars 31.3 % Pickups 27.0 % Commercial 23.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Mondoy thru Friday		
Januory	607	588	612	593	609	659	669	618	611	101.15	39.37
February	799	687	636	628	681	797	804	719	686	104.81	45.81
Morch	1146	846	820	870	944	997	1064	953	901	105.77	60.71
April	877	702	774	791	793	839	865	810	780	103.85	51.60
Moy	1698	1352	1203	1186	1167	1382	1581	1355	1257	107.80	86.33
June	2667	2407	2516	2645	2468	2668	2579	2565	2543	100.87	163.41
July	3832	3497	3594	3579	3539	3607	3660	3620	3560	101.69	230.62
August	3601	3083	3164	3162	3168	3377	3300	3255	3187	102.13	207.37
September	2281	2219	1904	1904	1944	2205	2249	2109	2043	103.23	134.36
October	1310	1262	1274	1329	1314	1452	1316	1319	1321	99.85	84.03
November	709	815	856	959	781	835	759	820	851	96.36	52.24
December	610	579	727	748	696	782	706	693	710	97.61	44.15
Doily average for yeor	1678	2086	1507	1533	1534	1633	1629	1570	1538	102.08	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19

Route U.S. 191 North of West Yellowstone

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20
LOCATION U. S. 89 - 17.0 Miles North of Gardiner

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 30.8 % Foreign Pass Cars 21.2 % Pickups 36.6 % Commercial 11.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	477	445	505	365	339	417	590	451	420	107.38	45.00
February	800	543	520	483	472	602	844	609	524	116.22	60.77
March	781	427	461	458	479	558	776	554	476	116.39	55.28
April	709	478	474	461	461	590	734	569	493	115.42	56.78
May	1069	831	811	813	745	885	1084	884	817	108.20	88.21
June	1673	1493	1545	1582	1467	1560	1588	1555	1528	101.77	155.17
July	2237	2113	2187	2194	2134	2105	2134	2158	2145	100.61	215.33
August	2051	1830	1957	1919	1892	2001	1958	1942	1920	101.15	193.78
September	1489	1265	1206	1219	1130	1250	1398	1282	1215	105.51	127.92
October	897	717	672	675	710	847	919	775	722	107.34	77.33
November	785	606	635	541	506	699	888	656	591	111.00	65.46
December	509	420	556	619	596	667	733	591	576	102.60	58.97
Daily average for year	1254	931	961	944	911	1015	1137	1002	952	105.25	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20

Route U.S. 87 North of Gardiner

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				UNDER	CONSTRUCTION								
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1978

LOCATION Montana Avenue in Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	11058	16287	17264	17964	18957	20474	16989	16793	18061	92.98	87.73
February	12526	17493	18267	18584	19432	20821	17276	17771	18919	93.93	92.83
March	13941	19727	19291	19569	20300	21987	19348	19307	20233	95.42	100.86
April	15311	20336	20189	20076	20863	22688	19868	19750	20830	94.82	103.17
May	15106	19179	20602	20909	21142	23870	19843	20106	21021	95.65	105.03
June	15075	22190	22437	22610	23462	24716	19692	21630	23174	93.34	112.99
July	15276	21554	19996	22838	23564	24177	18806	20660	22384	92.30	107.92
August	14700	21042	20741	21199	21652	22646	18113	20128	21422	93.96	105.14
September	13688	18223	20553	20595	20692	22907	18701	19435	10704	93.87	101.52
October	13639	19086	19610	20649	21026	22327	18664	19107	20431	93.52	99.81
November	11839	18272	18970	19375	17340	19661	16429	17475	18690	93.50	91.29
December	12490	16562	19232	19361	18884	19251	17877	17556	18686	93.95	91.71
Daily average for year	13698	19163	19763	20311	20610	22127	18467	19143	20380	93.93	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21

Route U.S. 91 & 12 ByPass, Montana
Avenue - Helena
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-22 YEAR 1978

LOCATION Grand Avenue in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	12653	18547	20322	19524	20509	23426	21238	19232	20372	94.40	
February	14977	21422	21492	20128	21397	23579	22542	20791	21603	96.24	
March	12155	16838	16317	17458	17809	19977	19414	17262	17776	97.11	
April	16649	22335	21831	21674	24332	27509	24263	22509	23536	95.64	
May	17095	21829	24145	23881	24946	27202	24867	23410	24255	96.52	
June	12610	15680	16216	17787	20632	22253	18840	18173	19063	95.33	
July	16841	23657	20979	25077	25703	27681	22917	22827	24301	93.93	
August	18468	24755	24723	24897	25836	27084	24945	24461	25419	96.23	
September	17780	22410	24251	23840	24468	27500	24755	23742	24637	96.37	
October	16851	23193	23141	23123	24369	27116	25385	23341	24188	96.50	
November		COUNTER	HIT	BY CAR							
December											
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-22

Route Grand Avenue - Billings

Traffic Type Arterial - City Sheet

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	12955	1750	13.5	1591	12.3	1541	11.9	1506	11.6	1490	11.5	1470	11.3
1971	20259	2164	10.7	2072	10.2	2026	10.0	2010	9.9	1986	9.8	1970	9.7
1972	20396	2330	11.4	2251	11.0	2197	10.8	2159	10.6	2122	10.4	2089	10.2
1973	22142	2429	11.0	2295	10.4	2241	10.1	2203	9.9	2178	9.8	2165	9.8
1974	22433	2388	10.6	2319	10.3	2230	9.9	2207	9.8	2193	9.8	2170	9.7
1975	22717	2434	10.7	2301	10.1	2243	9.9	2223	9.8	2209	9.7	2193	9.7
1976	23651	2690	11.4	2399	10.1	2348	9.9	2327	9.8	2290	9.7	2273	9.6
1977	22918	2601	11.3	2283	10.0	2234	9.7	2214	9.7	2192	9.6	2172	9.5
1978			COUNTER HIT BY CAR										

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23 YEAR 1978

LOCATION FAS 241 - 2.5 Miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 20.8 % Foreign Pass Cars 6.1 % Pickups 46.8 % Commercial 26.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	163	225	249	258	236	304	272	241	253	95.26	72.45
February	130	181	226	208	221	276	255	214	222	96.40	64.33
March	240	319	325	302	331	334	287	307	322	95.34	92.28
April	283	338	329	385	375	391	367	351	364	96.43	105.51
May	275	361	420	393	383	384	390	374	389	96.14	112.42
June	320	382	379	384	370	408	393	377	385	97.92	113.33
July	323	408	359	385	406	451	379	385	402	95.77	115.73
August	379	458	406	397	386	431	390	406	413	98.31	122.04
September	310	348	337	344	340	437	409	365	365	100.00	109.72
October	301	382	347	354	382	401	357	359	372	96.51	107.92
November	253	321	346	340	325	366	295	322	339	94.99	96.79
December	184	304	340	321	277	352	272	291	320	90.94	87.48
Daily average for year	263	336	339	339	336	378	339	333	346	96.24	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23

Route FAS 241 North of Harlem

Traffic Type Secondary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24 YEAR 1978

LOCATION U.S. 2 - 1.3 Miles West of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 39.4 % Foreign Pass Cars 7.9 % Pickups 40.4 % Commercial 12.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1987	2628	2537	2622	2646	2832	2484	2519	2646	95.20	69.61
February	2351	2980	2955	2927	2983	3272	2778	2892	3023	95.68	79.92
March	2447	3068	2913	2999	3010	3310	2939	2970	3066	96.87	82.08
April	3015	3129	3369	3340	3408	3591	3325	3302	3367	98.07	91.25
May	3491	3629	3591	3691	3729	4162	3883	3729	3744	99.60	103.05
June	3718	4247	4251	4322	4162	4592	4126	4214	4320	97.55	116.45
July	4270	4671	5219	4754	4592	5011	4593	4709	4841	97.27	130.13
August	4422	4702	4781	4806	4847	5228	4853	4806	4865	98.79	132.81
September	3575	4175	4295	4208	4117	4652	4284	4219	4306	97.98	116.59
October	3584	3834	3817	4045	4086	4314	3888	3919	4001	97.95	108.30
November	2997	3422	3563	3678	3193	3746	3267	3411	3513	97.10	94.26
December	2262	2546	2911	2945	2893	3009	2642	2734	2868	95.33	75.55
Daily average for year	3185	3586	3684	3695	3639	3977	6005	3619	3713	97.48	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24

Route U.S. 2 West of Kalispell

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973		COUNTER	REMOVED	FOR	REPAIRS								
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1978

LOCATION I-94 - 1.0 Miles East of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 26.0 % Foreign Pass Cars 21.8 % Pickups 26.4 % Commercial 25.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	958	1287	1205	1163	1250	1378	1311	1215	1256	96,74	55,44
February	1039	1226	1333	1335	1319	1319	1342	1273	1306	97,47	58,09
March	1663	1560	1538	1625	1656	1820	1838	1674	1648	101,58	76.39
April	1754	1624	1679	1743	1739	1911	1892	1767	1739	101,61	80,63
May	2244	1958	2036	2103	2078	2406	2242	2141	2105	101,71	97,69
June	3394	2922	2866	2998	3015	3342	3244	3116	3042	102,43	142,18
July	3967	3453	3276	3363	3443	3668	4018	3619	3441	105,17	165,14
August	3773	3234	3158	3222	3238	3566	3822	3408	3273	104,12	155.51
September	2764	2502	2454	2409	2501	2859	2810	2629	2560	102,70	119.96
October	2186	2002	2060	2132	2338	2483	2330	2205	2187	100,82	100.62
November	1643	1455	1620	1875	1678	1768	1744	1689	1688	100.06	77.07
December	1277	1297	1558	1613	1661	1759	1746	1562	1586	98.49	71.28
Daily average for year	2222	2043	2067	2132	2160	2357	2362	2192	2153	101.81	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25

Route I-94 East of Wibaux

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972			COUNTER	OUT	DUE TO	CONSTRUCTION							
1973			"	"	" "	"							
1974			"	"	" "	"							
1975			"	"	" "	"							
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-26

Route U.S. 2 East of Bainville

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	729	170	23.3	106	14.5	96	13.2	93	12.8	90	12.3	88	12.1
1971	819	197	24.1	123	15.0	112	13.7	108	13.2	105	12.8	104	12.7
1972	935	182	19.5	140	15.0	134	14.3	129	13.8	125	13.4	123	13.2
1973	852	163	19.1	109	12.8	103	12.1	99	11.6	97	11.4	96	11.3
1974	803	152	18.9	101	12.6	94	11.7	93	11.6	91	11.3	89	11.1
1975			COUNTER REMOVED										
1976													
1977													
1978													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27 YEAR 1978

LOCATION U. S. 191 - 1.5 Miles South of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.9 % Foreign Pass Cars 7.4 % Pickups 27.5% Commercial 25.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	172	209	205	175	183	238	165	193	202	96.40	55.52
February	160	167	193	157	144	188	242	179	170	105.29	51.50
March	308	236	220	229	286	349	278	274	267	102.62	78.83
April	409	288	274	302	324	437	272	330	325	101.54	94.94
May	446	421	324	332	379	533	407	401	393	102.04	115.36
June	538	420	400	439	409	544	432	456	446	102.24	131.19
July	483	475	445	453	419	515	441	462	462	100.00	132.92
August	526	494	447	433	463	554	435	476	474	100.42	136.95
September	425	492	355	372	369	530	427	428	429	99.77	123.14
October	460	429	368	371	399	515	378	417	415	100.48	119.97
November	325	330	274	323	335	336	274	315	320	98.44	90.63
December	206	207	245	222	250	307	241	240	248	96.77	69.05
Daily average for year	372	347	313	317	330	421	653	348	346	100.58	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27

Route U.S. 191 Robinson Bridge

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1978

LOCATION Interstate Frontage Road 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1139	1406	1473	1609	1685	1699	1415	1475	1562	94.43	75.06
February	1330	1505	1458	1563	1646	1678	1477	1522	1570	96.94	77.46
March	1561	1770	1738	1832	2045	1960	1825	1831	1879	97.45	93.18
April	2062	2087	2146	2158	2335	2254	2233	2180	2196	99.27	110.94
May	1928	2048	2076	2106	2162	2195	2110	2088	2112	98.86	106.26
June	1695	1901	2009	2100	2134	2078	1917	1985	2050	96.83	101.02
July	1614	1883	1954	2052	2198	2245	1807	1946	2058	94.56	99.03
August	1870	2208	2107	2145	2183	2407	2024	2136	2201	97.05	108.70
September	1897	2020	2115	2268	2444	2379	2183	2193	2251	97.42	111.60
October	2038	2448	2427	2582	2725	2696	2472	2466	2563	96.22	125.50
November	1632	2110	2178	2398	2027	2014	1744	2028	2152	94.24	103.21
December	1436	1539	1692	1848	1913	1972	1777	1730	1789	96.70	88.04
Daily average for year	1684	1910	1948	2055	1941	2131	1915	1965	2032	96.70	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28

Route Vaughn-Interstate-Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29 YEAR 1978

LOCATION Interstate - Frontage Road 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Cammercial_____%

Month	Average Daily Number of Vehicles									Percent the Averoge Day is of the Average Weekday	Percent the Month Daily Average is af the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Januory	1226	1833	1979	1881	1961	2009	1533	1765	1930	91.45	84.01
Februory	1433	1851	1975	1984	2044	2199	1927	1916	2011	95.28	91.20
Morch	1851	2110	2066	2221	2261	2470	2088	2161	2227	97.04	102.86
April	1754	2116	2389	2555	2557	2612	2272	2302	2446	94.11	109.57
May	2033	2313	2476	2471	2496	2825	2305	2417	2504	96.53	115.05
June	2187	2690	2709	2800	2616	2827	2411	2612	2726	95.82	124.33
July	1864	2299	2329	2479	2516	2594	2157	2288	2426	94.31	108.90
August	1733	2108	2257	2249	2255	2250	1902	2122	2228	95.24	101.00
September	1710	1910	2128	2239	2206	2441	2025	2103	2197	95.72	100.10
October	1781	2118	2109	2232	2237	2434	2086	2129	2216	96.07	101.34
November	1300	1903	1986	2013	1798	1849	1379	1757	1909	92.04	83.63
December	1225	1682	1801	1821	1791	1805	1457	1639	1781	92,03	78.01
Daily average far year	1675	2078	2184	2245	2228	2360	1962	2101	2217	94.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29

Route Billings Interstate Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961			UNDER	CONSTRUCTION									
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30 YEAR 1978

LOCATION I - 90 - 0.9 Miles West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 20.0 % Foreign Pass Cars 32.5 % Pickups 25.0 % Commercial 22.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1744	1902	2032	2084	2109	2259	1919	1996	2067	96.57	53.89
February	2019	2163	2267	2218	2269	2523	2173	2233	2288	97.60	60.29
March	2615	2673	2799	2807	2908	3239	2712	2838	2898	97.93	76.63
April	3074	2862	3085	3253	3260	3599	3197	3186	3212	99.19	86.02
May	3297	3578	3539	3764	3791	4150	3644	3675	3746	98.10	99.23
June	4760	4882	4916	4951	5073	5833	5100	5099	5160	98.82	137.67
July	5532	5663	5653	5685	5674	6186	6176	5795	5767	100.66	156.47
August	5713	5689	5649	5674	5889	6488	6014	5860	5859	100.02	158.22
September	4339	4664	4584	4513	4635	5265	4546	4666	4757	98.09	125.98
October	3548	3446	3529	3754	3925	4393	3622	3722	3780	98.47	100.50
November	2809	2655	2909	3377	2884	3138	2715	2940	3005	97.84	79.38
December	1911	1851	2628	2809	2858	2786	2277	2434	2596	93.76	65.72
Daily average for year	3446	3502	3633	3741	3773	4155	3675	3704	3761	98.48	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30

Route I-90 West of Superior

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961		UNDER	CONSTRUCTION										
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1978

LOCATION I - 94 - 7.8 Miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 33.8 % Foreign Pass Cars 15.2 % Pickups 24.1 % Commercial 26.9 %

Month	Averoge Doily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day af Week							Average Day	Averoge Weekdoy		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Jonuory	1438	1462	1382	1386	1515	1669	1379	1458	1477	98.71	54.15
Februory	1914	1857	1720	1586	1664	1987	1721	1778	1763	100.85	66.03
Morch	2202	2074	2036	2139	2182	2493	2242	2203	2196	100.32	81.82
April	2577	2631	2666	2675	2756	3117	2668	2720	2769	98.23	101.02
Moy	2861	2543	2522	2509	2586	3256	3007	2733	2663	102.63	101.50
June	3811	3567	3495	3569	3681	4168	3631	3718	3717	100.03	138.08
July	3959	3962	3692	3909	3958	4399	3981	3979	3983	99.90	147.77
August	3912	3798	3652	3711	3694	4258	3913	3832	3805	100.71	142.31
September	2862	3078	2845	2887	2931	3529	3142	3059	3077	99.42	113.60
October	2785	2580	2546	2682	2915	3283	2762	2778	2780	99.93	103.17
November	1849	1852	1992	2181	2061	2234	1960	2025	2069	97.87	75.20
December	1608	1770	2158	2216	2010	2301	2150	2029	2101	96.57	75.35
Daily average for year	2648	2598	2559	2621	2663	3058	2713	2693	2700	99.74	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31

Route I-94 West of Miles City

Traffic Type Interstate - Foreign and Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973		COUNTER	REMOVED	DUE	TO	CONSTRUCTION							
1974		"	"	"	"	"							
1975		"	"	"	"	"							
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1978

LOCATION On 25th St. North Between 4th & 5th Ave. Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montano Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Januory	2044	2859	3140	2945	3235	3368	2875	2900	3099	93.58	79.05
February	2219	2365	3401	3265	3499	3666	2955	3196	3439	92.93	87.12
Morch	2452	3721	3803	3802	3851	3965	3515	3615	3834	94.29	98.54
April	2893	4375	4009	4006	4032	4185	3768	3847	4123	93.31	104.86
May	3008	3940	4148	4062	4183	4366	3727	3932	4128	95.25	107.18
June	3044	4235	4362	4369	4424	4705	3872	4172	4432	94.13	113.72
July	3047	4140	3912	4260	4537	4502	3712	3979	4264	93.32	108.46
August	3104	4499	4272	4315	4478	4545	3791	4164	4413	94.36	113.50
September	2735	3582	3982	4049	4160	4298	3675	3797	4028	94.27	103.50
October	2743	4043	4012	4049	4072	4255	3649	3810	4081	93.36	103.86
November	2245	3487	3557	3706	3564	3784	2960	3349	3621	92.49	91.29
December	2655	3088	3371	3461	3470	3578	3283	3262	3402	95.88	88.92
Daily averoge far yeor	2682	3778	3831	4107	3959	4101	3482	3669	3910	93.84	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32

Route 25th Street North in Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33 YEAR 1978

LOCATION On 10th Avenue South between 9th & 10th St. Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	17036	24406	25293	25433	25836	27582	23890	24012	25620	93.72	84.16
February	18866	26061	25126	24831	25903	28440	24305	24790	26072	95.08	86.88
March	20047	28713	28178	28336	29354	31278	28156	27910	29235	95.47	97.82
April	22975	30183	28990	29206	30346	33263	30852	29236	30397	96.18	102.47
May	23864	29487	30217	30153	30777	33882	30602	29864	30779	97.03	104.67
June	24543	31715	31225	31872	32610	34269	30227	31091	32438	95.85	108.97
July	24756	31283	33181	33103	33520	35849	30360	31439	33287	94.45	110.19
August	24602	32779	32103	32279	33232	35125	30424	31606	33030	95.69	110.77
September	23039	28203	30338	31319	31391	34414	30473	30053	31289	96.05	105.33
October	23024	30439	30050	30072	31348	34408	30095	29718	31171	95.34	104.15
November	20106	27522	27015	28528	27323	31120	26802	26984	28267	95.46	94.57
December	20326	23858	26676	26670	26103	29577	26695	25684	26720	96.12	90.02
Daily average for year	21932	28719	19033	29317	30062	32432	28573	28532	29859	95.56	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33

Route 10th Avenue South in Great Falls

Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1978

LOCATION U.S. 12 - 0.6 Miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 26.8 % Foreign Pass Cars 4.9 % Pickups 44.7 % Commercial 23.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	127	188	179	197	223	247	149	185	205	90.24	60.71
February	161	169	220	184	210	225	157	189	202	93.56	62.02
March	231	242	258	208	212	271	201	232	237	97.89	76.13
April	305	273	256	254	263	318	274	278	273	101.83	91.22
May	345	337	279	266	305	388	336	320	312	102.56	105.00
June	418	368	342	385	358	446	340	381	382	99.74	125.02
July	414	399	419	370	371	418	430	404	396	102.02	132.57
August	469	397	374	405	357	448	341	397	394	100.76	130.27
September	330	406	346	368	396	448	336	377	395	95.44	123.71
October	419	382	395	353	432	521	437	418	414	100.97	137.16
November	243	253	242	277	364	331	260	284	296	95.95	93.19
December	151	170	215	215	171	231	193	192	202	95.05	63.00
Daily average for year	301	299	502	290	305	358	288	305	309	98.71	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34

Route U.S. 12 West of Ingomar

Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35 YEAR 1978
LOCATION FAS 210, Near Turah

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 56.0 % Foreign Pass Cars 1.2 % Pickups 32.0 % Commercial 10.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	358	405	427	423	433	471	422	418	430	97.21	77.71
February	501	504	464	443	433	497	443	467	465	100.43	86.81
March	554	524	563	549	541	619	585	562	559	100.54	104.48
April	545	545	575	557	551	604	608	570	566	100.71	105.96
May	489	506	562	568	564	581	539	544	555	98.02	101.13
June	453	510	544	532	565	656	497	542	566	95.76	100.76
July	492	574	518	590	555	596	539	550	567	97.00	102.25
August	536	535	557	569	557	602	560	560	564	99.29	104.11
September	527	545	584	624	614	642	621	596	604	98.68	110.80
October	559	589	651	613	672	700	638	629	643	97.82	116.93
November	481	565	572	630	556	640	579	576	593	97.13	107.08
December	404	408	443	452	430	489	456	441	447	98.66	81.98
Daily average for year	492	518	505	546	539	591	541	538	547	98.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35

Route FAS 210 - Turah

Traffic Type Secondary Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973			MACHINE FAILURE										
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36

LOCATION U.S. 2 - 0.5 Miles West of Browning

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montano Pass Cars 33.5 % Foreign Pass Cars 12.7 % Pickups 45.4 % Commercial 8.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekdoy		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Januory	627	735	644	603	681	791	650	675	691	97.69	48.13
Februory	979	843	799	773	785	926	771	839	825	101.70	59.82
March	1278	1133	1054	1025	1124	1390	1191	1171	1149	101.92	83.49
April	1480	1093	1131	1110	1141	1426	1424	1271	1180	107.71	90.62
May	1427	1574	1354	1252	1311	1697	1480	1437	1432	100.35	102.45
June	2328	1937	1867	1883	1928	2290	2037	2046	1996	102.51	145.87
July	2869	2646	2424	2423	2561	2850	2714	2651	2584	102.59	189.01
August	1960	1857	1730	1643	1806	2292	2404	1934	1847	104.71	137.89
September	1897	1869	1616	1563	1582	1636	1526	1664	1652	100.73	118.64
October	1649	1409	1345	1361	1487	1729	1547	1500	1458	102.88	106.94
November	854	829	893	1044	875	1023	836	911	935	97.43	64.95
December	637	712	908	610	697	827	734	732	754	97.08	52.19
Doily average for year	1499	1386	1314	1274	1332	1573	1443	1403	1375	102.04	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

tation A-36

Route U.S. 2 West of Browning

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1978

LOCATION South of Orange Street Bridge - Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8543	16828	16693	16147	15893	17513	12197	14745	16618	88.73	79.64
February	10971	18247	19361	18079	18159	18899	14966	16954	18549	91.40	91.58
March	11602	20199	19859	19546	19552	22016	16217	18615	20252	92.96	100.55
April	12316	21241	20663	21195	22069	23629	18114	19374	21592	89.73	104.65
May	12178	20504	19882	20365	20653	22912	17039	19180	20770	92.34	103.60
June	12212	22435	21575	20753	21135	23758	17126	20145	22078	91.24	108.81
July	12004	20516	20202	20046	18691	21368	15425	18099	20187	89.66	97.76
August	13231	22770	21551	21415	21598	23997	17001	20349	22169	91.79	109.91
September	12634	21790	20683	21105	10683	23311	17255	19680	21600	91.11	106.30
October	12142	21493	20943	20907	21494	23759	16835	19512	21674	90.02	105.39
November	10665	20050	20018	20500	17610	21179	16234	18105	19797	91.45	97.80
December	11136	17521	19452	19605	19310	20699	15358	17404	19383	89.79	94.01
Daily average for year	11636	20299	20073	19972	19737	21920	16147	18514	20389	90.80	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37

Route Orange Street Bridge - Missoula

Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1978

LOCATION Montana - 200 - 1.0 Mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.1 % Foreign Pass Cars 3.1 % Pickups 45.2 % Commercial 12.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	147	204	190	198	221	242	180	196	210	93.33	49.73
February	158	184	172	170	188	217	168	179	186	96.24	45.42
March	282	292	269	255	286	335	242	281	288	97.57	71.30
April	353	329	306	334	359	419	309	343	349	98.28	87.04
May	392	436	390	358	417	502	400	412	417	98.80	104.54
June	553	514	485	509	497	640	498	531	532	99.81	134.77
July	604	566	565	558	556	688	590	589	585	100.68	149.46
August	627	558	528	533	614	686	593	588	580	101.38	149.21
September	494	471	404	409	450	585	484	475	470	101.06	120.53
October	566	501	446	518	520	662	607	542	524	103.75	137.53
November	340	291	305	382	342	372	329	339	340	99.71	86.02
December	212	238	268	259	265	293	249	254	266	95.49	64.45
Daily average for year	394	382	361	374	393	470	387	394	396	99.49	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38

Route Montana 200 West of Jordan

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1978

LOCATION U. S. 89 - 0.5 Mile North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 18.2 % Foreign Pass Cars 25.5 % Pickups 42.3 % Commercial 14.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	261	242	272	237	244	256	257	253	251	100.80	48.66
February	270	239	277	239	259	281	267	262	260	100.77	50.39
March	365	230	234	258	273	295	359	286	260	110.00	55.01
April	406	296	306	305	303	352	345	335	314	106.69	64.44
May	590	452	438	383	403	461	565	467	429	108.86	89.82
June	943	748	752	755	786	890	842	814	786	103.56	156.56
July	1199	1108	1183	1109	1095	1090	1183	1141	1117	102.15	219.46
August	1221	1057	1043	1002	1003	1125	1207	1086	1042	104.22	208.88
September	763	665	605	587	599	665	704	657	626	104.95	126.37
October	618	524	402	575	477	569	565	531	505	105.15	102.13
November	264	188	211	267	237	261	270	243	234	103.85	46.74
December	153	149	186	146	144	167	200	164	159	103.14	31.54
Daily average for year	784	491	492	489	485	534	564	520	499	104.21	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39

Route U.S. 89 North of Dupuyer

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1978

LOCATION Wolf Creek - Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	55	36	32	40	37	47	59	44	39	112.82	28.21
February	106	58	50	45	54	57	77	64	53	120.76	41.03
March	163	82	88	86	84	86	167	106	85	124.71	67.95
April	318	89	85	96	108	134	214	157	102	153.92	100.64
May	393	210	126	108	115	179	346	205	147	139.46	131.41
June	441	186	206	210	178	243	358	257	205	125.37	164.74
July	561	280	295	228	250	304	436	345	272	126.84	221.15
August	384	214	210	204	232	266	355	261	224	116.52	167.31
September	356	200	145	134	130	155	241	195	153	127.45	125.00
October	204	95	89	97	107	129	198	131	102	128.43	83.97
November	93	45	55	60	53	74	92	66	57	115.79	42.31
December	61	42	39	31	39	33	41	41	36	113.89	16.28
Daily average for year	261	128	118	112	116	142	215	156	123	126.83	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

tation A-40

Route Wolf Creek - Frontage Road

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.4
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	22.2
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	28.3
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	26.6
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	30.1
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	30.7
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	30.2
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	31.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41 YEAR 1978

LOCATION I-90 East of Livingston

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cors 21.3 % Foreign Poss Cors 35.3 % Pickups 22.9 % Commercial 20.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2946	2541	2315	2333	2379	2847	2503	2557	2478	103.19	59.52
February	3391	2733	2547	2622	2850	3634	3050	2975	2877	103.41	69.24
March	4124	3217	3348	3191	3624	4313	3626	3642	3561	102.28	84.77
April	4466	3540	3401	3392	3598	4652	4045	3896	3717	104.82	90.68
May	4859	4257	3874	3982	4213	5332	4721	4421	4293	102.98	102.90
June	6475	5639	5470	5699	5718	6787	6217	6018	5898	102.03	140.07
July	6068	5332	5073	4635	4795	5727	6212	5451	5123	106.40	126.87
August	7007	5999	5721	5746	6260	7031	6777	6319	6120	103.25	147.08
September	5399	4979	4979	4840	4736	5847	5485	5213	5113	101.96	121.34
October	5048	4035	3901	4168	4382	5621	4964	4563	4380	104.18	106.21
November	4100	3335	3464	3757	3650	4069	3307	3671	3659	100.33	85.45
December	2491	2247	2901	2934	2703	3321	3108	2830	2845	99.47	65.87
Daily average for year	4698	3988	3916	3942	4076	4932	4501	4296	4172	102.97	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41

Route I-90 & U.S. 10 East of Livingston

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-42 YEAR 1978

LOCATION 26th Street North -Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1714	2537	2730	2657	2696	2826	2460	2499	2684	93.11	87.69
February	1925	2794	2786	2763	2924	2007	2554	2679	2855	93.84	94.01
March	2098	3030	2971	2963	2978	3072	2894	2872	3003	95.64	100.78
April	2283	2974	3036	2978	3057	3317	2926	2916	3072	94.92	102.33
May	2491	3189	3287	3237	3257	3480	3133	3162	3283	96.31	110.96
June	2413	3146	3337	3270	3453	3717	3079	3228	3403	94.86	113.28
July	2404	3237	3083	3090	3321	3361	2908	3038	3219	94.38	106.61
August	2131	2633	2702	2473	2488	2905	2649	2567	2629	97.64	90.08
September	2266	2843	2940	2944	2918	2819	2445	2732	2889	94.57	95.87
October	2290	3206	3231	3284	3269	3481	3111	3104	3287	94.65	108.93
November	1830	2805	2866	2917	2632	3057	2655	2686	2848	94.31	94.26
December	2115	2468	2848	2812	2839	3074	2857	2713	2821	96.17	95.20
Daily average for year	2163	2905	2985	2949	2986	3176	2806	2850	2999	95.03	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42

Route 26th Street North - Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-43

LOCATION U. S. 191 - Big Sky

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 38.5 % Foreign Pass Cars 20.3 % Pickups 31.8 % Commercial 9.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1182	832	769	757	847	1066	1344	967	850	113.77	68.20
February	1607	1006	794	771	825	1079	1357	1063	895	118.77	74.97
March	1892	1095	1043	1026	1196	1428	1838	1346	1165	115.54	94.93
April	1096	810	850	856	946	1058	864	935	864	108.22	65.95
May	1450	1187	1021	986	1022	1242	1356	1169	1088	107.44	82.45
June	1940	1712	1779	1883	1901	2222	1941	1910	1899	100.58	134.71
July	2540	2344	2330	2345	2337	2689	2356	2420	2406	100.58	170.68
August	2476	2194	2217	2246	2256	2523	2443	2327	2281	102.02	164.12
September	1812	1722	1495	1563	1592	1900	1847	1716	1666	103.00	121.03
October	1372	1210	1167	1201	1242	1460	1431	1293	1250	103.44	91.20
November	831	909	975	1036	871	1038	865	934	965	96.79	65.88
December	878	711	941	990	904	1051	1027	934	926	100.86	65.88
Daily average for year	2949	1311	1282	1305	1328	1563	1556	1418	1355	104.65	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43

Route U.S. 191 - 35.0 Miles South of Bozeman

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-44 YEAR 1978

LOCATION Big Mountain

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Averoge Doily Number of Vehicles									Percent the Averoge Day is of the Averoge Weekday	Percent the Month Doily Averoge is of the Yeor Doily Averoge
	Doy of Week							Averoge Doy	Averoge Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sundoy thru Saturdoy	Mondoy thru Fridoy		
January	1993	1349	1121	1179	1310	1412	2506	1547	1271	121.72	196.76
Februory	2254	1225	1243	1412	1599	1989	1936	1808	1494	121.02	229.95
March	1899	1448	1565	1533	1468	1676	2407	1699	1541	110.25	216.09
April	666	640	471	440	470	469	904	594	498	119.28	75.55
Moy	241	227	249	232	233	272	252	243	242	100.41	30.90
June	198	260	169	297	223	194	198	221	229	96.51	28.11
July	604	494	485	503	490	462	506	509	487	104.52	64.74
August	692	529	528	571	530	520	653	572	537	106.52	72.75
September	509	399	303	303	302	337	419	368	329	111.85	46.80
October	335	266	256	273	281	283	287	283	271	104.43	35.99
November	335	317	324	303	267	302	282	303	301	100.66	38.54
December	1536	943	1210	1279	1322	1208	1439	1288	1193	107.96	163.82
Daily average for year	939	675	660	694	708	760	1066	786	699	112.45	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44

Route Big Mountain

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-45
LOCATION Hungry Horse Dam

YEAR 1978

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	50	40	27	26	33	27	41	35	31	112.90	10.24
February	180	38	30	34	28	41	81	61	34	179.41	17.85
March	248	79	122	112	82	93	166	126	97	129.90	36.87
April	256	83	97	84	90	90	161	125	83	150.60	36.58
May	533	308	167	191	168	224	396	278	213	130.52	81.35
June	767	573	616	631	546	564	641	615	583	105.49	179.96
July	1376	1031	967	908	907	895	1085	1039	948	109.60	304.02
August	1094	804	772	829	756	804	915	847	792	106.94	147.84
September	633	480	345	350	332	362	486	427	373	114.48	124.95
October	431	314	312	324	350	376	369	353	333	106.01	103.29
November	198	132	146	147	124	153	191	154	140	110.00	45.06
December	54	44	40	40	31	36	38	41	38	107.89	11.99
Daily average for year	485	327	302	306	287	305	381	342	305	112.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45

Route Hungry Horse Dam

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2